

INTERNATIONAL SEARCH REPORT

International application No.

PCT/CN03/00971

A. CLASSIFICATION OF SUBJECT MATTER

IPC⁷ H05B33/08, G09G3/30

According to International Patent Classification (IPC) or to both national classification and IPC

B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)

IPC⁷ H05B33 / 08, 33 / 02, 33 / 00; G09G3 / 30, 3 / 22, 3 / 20, 3 / 00.

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

CNPAT

Electronic data base consulted during the international search (name of data base and, where practicable, search terms used)

WPI PAJ EPODOC

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category*	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
A	CN1135705A 13.Nov.1996 (13.11.96), see the whole	1-9
A	CN1336629A 20.Feb.2002 (20.02.02), see the whole	1-9
A	CN1396577A 12. Feb.2003 (12.02.03), see the whole	1-9
A	US6486607B1 26.Nov.2002 (26.11.02), see the whole	1-9
A	US20030038760A1 27.Feb.2003 (27.02.03), see the whole	1-9
A	P 2003-140612A 16.May 2003 (16.05.03), see the whole	1-9

 Further documents are listed in the continuation of Box C. See patent family annex.

* Special categories of cited documents:

"A" document defining the general state of the art which is not considered to be of particular relevance

"E" earlier application or patent but published on or after the international filing date

"L" document which may throw doubts on priority claim (S) or which is cited to establish the publication date of another citation or other special reason (as specified)

"O" document referring to an oral disclosure, use, exhibition or other means

"P" document published prior to the international filing date but later than the priority date claimed

"T" later document published after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention

"X" document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone

"Y" document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art

"&" document member of the same patent family

Date of the actual completion of the international search

04 Dec. 2003 (04.12.03)

Date of mailing of the international search report

25 DEC 2003 (25.12.03)

Name and mailing address of the ISA/CN
6 Xitucheng Rd., Jimen Bridge, Haidian District,
100088 Beijing, China
Facsimile No. 86-10-62019451

Authorized officer

Guoyongju

Telephone No. 86-10-62084962

INTERNATIONAL SEARCH REPORT
Information on patent family members

International application No.
PCT/CN03/00971

Pantent document cited in Search report	Publication date	Patent family member(s)	Publication date
CN1135705A	13.11.96	None	
CN1336629A	20.02.02	KR2002009990 A US2002015033A EP1176580A	02.02.02 07.02.02 30.01.02
CN1396577A	12.02.03	JP2003086364 A US2003071575A EP1276352A	20.03.03 17.04.03 15.01.03
US6486607B1	26.11.02	None	
US20030038760A1	27.02.03	CN1407524A	02.04.03
JP2003-140612A	16.05.03	None	